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January 1980



MONTANA DEPARTMENT OF HEALTH  
AND ENVIRONMENTAL SCIENCES

Monthly Activities Report  
of the Air Quality Bureau

January, 1980

1. Highlights:

The Board of Health met on January 11 and 12 to hear a variance request by the Anaconda Company.

Many Bureau employees spent a considerable amount of time commenting on the impact statement for the ambient air standards study so that it could be finalized and ready for printing.

The Bureau began preparing to move to its new offices in the renovated section of the building.

2. Ambient Air Quality Network:

STATE DOCUMENTS COLLECTION

a. Standards Exceeded

MAR 11 1980

None in East Helena area

MONTANA STATE LIBRARY

Anaconda Copper had six emergency episodes during the month reaching the Pre-alert and Alert levels.

830 E. Lyndale Ave.  
Helena, Montana 59601

b. Air Stagnation Advisories

January 8-9  
January 20-23  
January 31

c. Laboratory Status

Total Determinations for Month	2143
Total Samples for Month	429

d. Developments

Beginning in January two of the chemists will operate the East Helena SO<sub>2</sub> site and will check the analyzers three times a week.

3. Permits and Tax Credits:

a. Construction Permits - Applied for

Wickens Brothers, Park Co., crushers  
Gilman Excavating, Jefferson County, crushers  
Dept. of Highways, Missoula, six asphalt plants  
Clark Brothers, Ravalli Co., crushers, hot plants  
Dept. of Highways, Miles City, three hot plants  
Cop Construction, Rosebud Co., asphalt plant

PLEASE RETURN



Permits Approved

Zook Brothers, Rosebud, Prairie, Park & Toole Co., hot plants, crushers  
Phillips Petroleum, tank covers  
American Asphalt, hot plant

c. Tax Credits:

Anaconda Aluminum Company tax certification application for air cleaner and conditioner for a control room was denied.

4. Variance Status:

Current

ASARCO, rule 16-2.14(1)-S1470(2), Sulfur Oxide emissions applicable to lead-zinc complex, final compliance due June 30, 1980

Berg Lumber, rule 16-2.14(1)-S1490, Open Burning, final compliance date June, 1980

Anaconda Aluminum Company, variance request from fluoride emissions, granted at January Board meeting, expires in June, 1980.

Anaconda Company application for variance from sulfur dioxide emissions was heard at the January Board meeting. Final action will be determined at the March board meeting.

5. Enforcement Actions:

a. Citations

Willow Creek Lumber, Livingston, MT 800124-SS-1, Wood waste burner in violation of rule 16-2.14(1)-S14030(4) and (5) - no temperature recorder and log book.

Ksanka Lumber Co., Fortine, 1/30/80, opacity, tepee burner.

Stoltze Land & Lumber, Columbia Falls, 1/31/80 - opacity, tepee burner.

b. Notice of Violation - None

c. Order for Corrective Action - None

d. Court Action - The Bureau's request for legal action against Burlington Northern for open burning of railroad ties in violation of the terms of their variance is still pending in Legal Division.

6. Tepee Burner and Open Burning:

Tepee burners presently in operation - approximately 20



Open Burning Permits Issued:

Kalispell Office	57	Sanders Co.	3
Cascade Co.	2	Yellowstone Co.	21
Lake Co.	27	Rest of State	154
Missoula Co.	13	Total	277

7. Source Tests Performed: We received no information for January.

8. Field Investigations:

Castle Mountain Corp., White Sulphur Springs, inspection  
Brand S Lumber, Livingston, inspection  
Willow Creek Lumber, Livingston, inspection, citation issued  
Burkland Studs, Livingston, inspection  
Eggar, Inc., Livingston, inspection  
Yellowstone Pine, Belgrade, inspection  
Klinger Lumber, Kalispell, inspection  
Kalmont Lumber Co., Kalispell, inspection  
Plum Creek Evergreen Division, Kalispell, inspection  
Ksanka Lumber, Fortine, inspection, citation issued  
American Timber, Olney, inspection  
Louisiana Pacific, Columbia Falls, inspection  
Stoltze Land & Lumber, Columbia Falls, inspection, citation issued  
Plum Creek, Columbia Falls, inspection

9. Complaints:

Wood burning stove, Valier, smoke  
Pig Farm, Charlo, odor  
American Chemet, East Helena, dust  
ASARCO, East Helena, black plume,

10. Data Processing Services:

- Ambient Data Summary - Due to a backlog in keypunching, no information is available for this report.
- Emission Inventory Status - Completed entering PEDCo data into new area source format. Completed coding several plant EIS updates.

11. Environmental Impact Statements:

a. Other agency statements:

Highway Department, Great Falls South arterial; Kalispell Mall; Laurel Airport; Sidney-Fairview primary highway.

b. Agency Statements: Work was being completed on the final ambient air quality standards study and will be sent to the printer the first of February.



12. Status of Studies, Contracts and Reports:

MAPS report for EPA was sent in January to Dr. Carl Hayes.  
Hoerner-Waldorf report is being drafted; due date is July.

13. Schools and Training:

One employee spent two weeks in Tucson, Arizona teaching the federal land managers about air quality.  
The Bureau Chief attended a visibility meeting at the EPA offices in Denver.

14. Public Hearings and Meetings:

a. Public Hearings - Board of Health met in Helena on January 11-12, 1980. The Anaconda Co. variance request was heard, final action was given on the Anaconda Aluminum Co. variance, and a report was presented on the Stauffer Chemical Company.

b. Meetings Attended:

Federal Bentonite, Helena, permit application  
Missoula County Health Dept., Helena, determine sampling schedule for special study  
Smoke Management, Helena  
National Park Service, Helena, regarding Grant-Kohrs Ranch  
Great Falls Planning and Health Dept., EPA, Dept. of Highway, Helena, CO designation for Great Falls  
Impact Evaluation Group, Helena, regarding Great Falls South Arterial  
EPA, Dept. of Highway, Helena, regarding areawide planning review  
Missoula Planning Dept., Helena, regarding 105 program

c. Intra-staff meetings

Section meetings  
Bureau staff meetings

15. Public Information Requests:

Copies of the following were sent to requesting individuals:

rules, Clean Air Act, Draft EIS on ambient standards, various MAPS reports, annual data summaries

16. Other:

Butte upper air site was disassembled and material was brought to Helena for storage.

The Bureau is involved in inventorying all equipment at the various sites to ensure a complete list of Bureau equipment.

